

Application/Control Number: 10/070,554

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Art Unit: \*\*\*

Clmpto

October 27, 2004

C.P.

1. (Currently Amended) An electrical circuit board comprising:  
X wiring lines and Y segmented wiring lines, each of the wiring  
lines being formed of a same conductive metal film and in a  
same plane on an insulating substrate and the Y segmented  
wiring lines intersecting with the X wiring lines, lines  
and being severed by the X wiring lines at the  
intersections with the X wiring lines, and being distanced  
spaced apart from the X wiring lines;  
wherein top and side surfaces of the X wiring lines are covered  
with an insulating film; and  
segments of each of the Y segmented wiring lines are electrically  
connected together by a Y segmented wiring line-connecting  
electrode formed on the insulating film, film, the Y  
segments being spaced apart by the X wiring lines and the  
covering insulating film; wherein  
the insulating film covering the side surfaces of the X wiring  
lines is an insulating metal oxide film formed by oxidizing  
the side surfaces of the X wiring lines.

2. (Cancelled)

3. (Currently Amended) The electrical circuit board according  
to claim 2, 1, wherein the insulating metal oxide film is an  
anodic oxide film formed by oxidizing the side and top surfaces  
of the X wiring lines by anodic oxidation.

**CLAIMS 4-101 CANCELLED**

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102. (New) An electrical circuit board comprising:

X wiring lines and Y segmented wiring lines, each of the wiring lines comprising a same conductive metal film and in a same plane on an insulating substrate and the Y segmented wiring lines intersecting the X wiring lines and being severed at the intersections with the X wiring lines and spaced apart from the X wiring lines;

wherein top and side surfaces of the X wiring lines are covered with an insulating film of an oxide of said same conductive metal;

wherein segments of each of the Y segmented wiring lines are electrically connected together by a Y segmented wiring line-connecting electrode formed on the insulating film, the segments being spaced apart by the X wiring lines and the covering insulating metal oxide film.

103. (New) The electrical circuit board according to claim 102, wherein the insulating metal oxide film is an anodic oxide film on the top and side surfaces of the X wiring lines.